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STALIN PRIZES FOR INVENTIONS IN TEXTILE MACHINE BUILDING

EQUIP THOUSANDS OF CARDING MACHINES WITH ALL-METAL SAW-TOOTH CARD CLOTHING --Baku, Bakinskiy Rabochiy, 12 Feb 52

One of the most important operations in the cotton-spinning industry is the careful carding of cotton before further processing. Carding equipment of many cotton enterprises is being furnished with all-metal saw-toothed card clothing according to the method developed by P. G. Tret'yakov, Stalin Prize winner. Mass production of this type of clothing has been organized at two plants of Glavmashdetal' (Main Administration of Machine and Parts Building) of the Ministry of Light Industry USSR. The use of such clothing perrits greater productivity of carding machines and increases their speed.

More than 5,000 carding machines operating at 40 large-scale enterprises of the cotton industry have been equipped with all-metal saw-toothed card clothing. The productivity of these machines has increased 10-20 percent. The cost of production has been decreased and the quality of yarn has improved.

In 1952, several thousand more carding machines will be equipped with allmetal saw-toothed card clothing at enterprises in Moscow, Ivanovo, and a number of other oblasts.

DESIGN NEW TEXTILE MACHINES -- Moscow, Izvestiya, 12 Mar 52

A group of designers at the Orlov Textile Machine Building Plant, headed by V. Milovanov, engineer, have developed a new roving frame with suspended flyer (s podvesnoy rogul'koy). This machine is 40 percent more productive than

The plant is beginning series production of braking and picking machines for new bast fibers. The machines were designed by a group of workers headed by I. Podlesnyy.

In 1952, the plant must build ten new machines.

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INSTALL NEW CROSS WINDING MACHINE -- Yerevan, Kommunist, 15 Feb 52

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A new cross winding machine built by the Klimovsk Machine Building Plant was installed recently at the Yerevan Fine Wool Combine.

START SERIES PRODUCTION OF SILK LCCM -- Stalinabad, Kommunist Tadzhikistana, 11 Apr 52

The Tbilisi Machine Building Plant imeni 26 Komissary has started series production of ChGSP-50 small silk looms, for the development and introduction of which a group of designers and production workers of the Central Scientific Research Institute of the Silk Industry has been awarded a Stalin Prize.

// Izvestiya, 14 March 1952, identifies this group of men at the institute as Leonid Trofimovich Chereshnev, director of operations, design bureau leader; Dmitriy Vasil'yevich Glebov, shop chief; Ivan Leonidovich Smirnov, design engineer; Vladimir Stapanovich Khaylo, design engineer; and Sergey Petrovich Yakovlev, fitter.

The new loom generates a speed of up to 180 picks (oborot) per minute, 40 picks more than existing silk looms.

TO MANUFACTURE 700 SILK LOOMS IN 1952 -- Moscow, Izvestiya, 17 Apr 52

Silk-weaving enterprises have received 150 new high-speed silk looms developed by a group of workers of the silk industry, who received a Stalin Prize for their work. These looms were manufactured by the Ivanovo Shuyskiy Machine Building Plant imeni Frunze. By the end of 1952, this plant will have produced 700 silk looms of this type.

BUILD NEW MACHINE FOR REPAIR OF LOOM SHUTTLES -- Tashkent, Pravda Vostoka, 24 Mar 52

The Ivanovo Machine Building Plant imeni Korolev has produced a special machine for checking and repairing loom shuttles.

The new machine was designed by Stalin Prize winner F. D. Levkoyev, chief of the machinery and repair division, spinning mill of the Kurovskoye Melange Combine. It is equipped with 12 attachments which make it possible to determine accurately the dimensions of shuttles to be repaired and to bring them to size.

The Ivanovo Plant will manufacture 50 such machines in 1952.

HEGINS PRODUCTION OF WARP TYING MACHINES -- Moscow, Moskovskaya Pravda, 15 Feb 52

The Kolomna Tekstil'mash Plant of the Ministry of Machine and Instrument Building has begun production of portable warp tying machines for the wool industry.

The new aggregate performs a complex operation automatically. Moving along the looms, it firmly ties the thread of old and new warp. If even one thread is missing or breaks, the mechanism stops instantly.

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The warp tying machine is mounted on a small cart. Its productivity is 250 knots per minute.

The Kolomma Plant is getting ready to produce warp tying machines for the silk and linen industries.

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